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## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

## Listing of Claims:

Claim 1 (currently amended): A process for converting a hydrocarbon feed stream comprising:

passing a reformulation an upgrade feed stream including saturated and olefinic hydrocarbons with earbon numbers of 5-8 to a reformulating to an upgrading reactor containing catalyst particles having a composition including crystalline alumina silicate or zeolite;

reformulating contacting said reformulation feed stream in said reformulating upgrading reactor with regenerated catalyst from a regenerator to produce a reformulated an upgrade product stream, said reformulating proceeding at conditions that promote at least a 5% net yield increase in aromatics on a fresh reformulation feed basis indicating the occurrence of hydrogen transfer reactions; and

recovering said reformulated upgraded product stream from said contacted catalyst; sending said contacted catalyst to said regenerator;

## wherein said reformulation feed stream is prepared by:

cracking a preliminary cracking feed stream with catalyst particles in a cracking reactor to produce a cracked product, said catalyst particles in said cracking reactor having [[a]] the same composition as the catalyst particles in said reformulating upgrading reactor;

separating said cracked product from said catalyst particles in a separator vessel to obtain a cracked product stream and spent catalyst; [[and]]

regenerating at least a portion of said spent catalyst in said regenerator; and recovering at least a portion of said cracked product stream to be said reformulation feed stream.

Claim 2 (canceled)

Claim 3 (currently amended): The process of claim 1 further including isolating said reformulated upgraded product stream from said cracked product stream.

Claim 4 (currently amended): The process of claim 1 further comprising the step of cycling catalyst particles that had previously resided in said cracking reactor to said reformulating upgrading reactor.

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- Claim 5 (currently amended): The process of claim 1 wherein a greater proportion of hydrocarbons with carbon numbers of 5-8 undergo hydrogen transfer reaction than eracking reaction said regenerator provides regenerated catalyst to the cracking reactor and the upgrading reactor.
- Claim 6 (currently amended): The process of claim 1 wherein elefins in said reformulation feed stream convert to isoparaffins in the reformulating reactor the upgrade feed stream has an initial boiling point below about 200°C (392°F).
- Claim 7 (currently amended): The process of claim 1 wherein the concentration of sulfur compounds in the reformulated upgraded product stream is less than its concentration in the reformulation upgrade feed stream.
- Claim 8 (currently amended): The process of claim 1 wherein the concentration cf nitrogen compounds in the reformulated upgraded product stream is less than its concentration in the reformulation upgrade feed stream.
- Claim 9 (currently amended): The process of claim 1 wherein the reformulation upgrade feed stream has an initial boiling point below about 200°C (392°F) is a portion of the cracked product stream.
- Claim 10 (currently amended): A process for converting a hydrocarbon feed stream comprising:
  - contacting said hydrocarbon feed stream with catalyst particles having a composition in a first reactor to produce a cracked product and spent catalyst particles;
  - separating said cracked product from said catalyst particles in a vessel to obtain a cracked product stream;
  - recovering a naphtha an upgrade feed stream from said cracked product stream, said naphtha stream having an initial boiling point below 127°C (260°F);
  - regenerating said spent catalyst particles in a regenerator to obtain regenerated catalyst particles;
  - contacting said naphtha upgrade feed stream with regenerated catalyst particles having said composition in a second reactor to produce an upgraded product stream and contacted catalyst; [[and]]
  - sending said contacted catalyst to said regenerator; and
  - recovering said upgraded product stream and isolating said upgraded product stream from said cracked product stream.
- Claim 11 (original): The process of claim 10 wherein hydrogen transfer reactions predominate over cracking reactions in the second reactor

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- Claim 12 (currently amended): The process of claim 10 wherein olefins convert to aromatics in the second reactor the upgrade feed is a naphtha stream.
- Claim 13 (currently amended): The process of claim [[10]] 12 wherein olefins convert to isoparaffins in the secondary reactor said naphtha stream has an initial boiling point below 127°C.
- Claim 14 (currently amended): The process of claim 10 wherein the concentration of sulfur compounds in the upgraded product stream is 50% less than its concentration in the naphtha stream upgrade feed.
- Claim 15 (currently amended): The process of claim [[10]] 12 wherein said naphtha stream has an end point below 230°C (446°F).
- Claim 16 (original): The process of claim 10 wherein said catalyst particles in said second reactor previously resided in the first reactor.
- Claim 17 (currently amended): A process for converting a hydrocarbon feed stream comprising:
  - contacting said hydrocarbon feed stream with catalyst particles having a composition in a first reactor to produce a cracked product;
  - separating said cracked product from [[said]] spent catalyst particles in a vessel to obtain a cracked product stream;

## regenerating said spent catalyst particles in a regenerator;

- recovering an oil stream from said cracked product stream having an initial boiling point above about 200°C (392°F);
- cycling catalyst particles that had resided in said first reactor to a second reactor, said second reactor being discrete from said vessel;
- contacting said oil stream with catalyst particles in a second reactor to produce an upgraded product stream and contacted catalyst particles; [[and]]
- recovering said upgraded product stream and isolating said upgraded product stream from said cracked product stream[[.]]; and
- sending said contacted catalyst particles to said regenerator.
- Claim 18 (original): The process of claim 17 further comprising the step of hydrotreating said oil stream.
- Claim 19 (original): The process of claim 17 wherein no hydrogen is added to the second reactor.
- Claim 20 (original): The process of claim 17 wherein the end point of said oil stream is below about 288°C (550°F).